



Contribution ID: 18

Type: **Parallel session talk**

Neutrino Interactions at the FASER Experiments

Wednesday 23 August 2023 08:50 (20 minutes)

FASER, the ForwArd Search ExpeRiment, is an LHC experiment located 480 m downstream of the ATLAS interaction point, along the beam collision axis. One main physics goal of FASER and its sub-detector FASERnu is to detect and study TeV-energy neutrinos, the most energetic neutrinos ever detected from a human-made source. FASER is taking data since the start of LHC Run 3 in July 2022. This talk will present the status of the experiment with a special focus on first neutrino physics results from Run 3 data.

Collaboration / Activity

FASER Collaboration

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Session Classification: T04 Neutrino Physics

Track Classification: Neutrino Physics